

**B A D G E R**  
air • brush c o.



*25th anniversary*

B A 3 0 0 V O L . 9

# THE BADGER STORY

## **Badger Air-Brush Co. is celebrating its 25th anniversary.**

We have seen many changes at Badger Air-Brush Co. since our humble beginning in a 500 square foot store front in June of 1963. During the past 25 years we have grown to be the largest manufacturer of air-brushes in the U.S. and have set up a sister company—Badger International—to handle our products in 40 different countries. However, one thing has remained the same through all the growth and diversification and that is our commitment to quality craftsmanship of our products.

From the 1920's through the 40's the air-brush was very popular with commercial artists. However, in the 60's the use of the air-brush declined. We responded by developing an inexpensive basic spray gun that would appeal to a wide variety of users (the hobbyist). Other innovations followed through the years such as the Model 150, 200, 350 air-brushes and most recently the Gravity Feed series. For the added convenience of the air-brush users, we developed compatible materials such as the Air-Opaque and Air-Tex paints, Brite White air-brush paper and how-to instruction books.

We do not feel that our obligation to the customer has ended with the sale of an air-brush. Over the years we have developed an extensive dealer network which can provide supplies and replacement parts in one day. Renowned artists have toured the country with our assistance to demonstrate the uses and potential of the air-brush. Attending trade shows, giving technical support and providing education have all been priorities with us.

Looking forward to the next 25 years we are planning further expansions for Badger Air-Brush Co. Our research department continues to explore and test new product ideas to make the air-brush a better tool for all types of artists and hobbyists. Badger Air-Brush will continue to produce the high quality air-brushes that helped make us number one in the industry.

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## CHOOSING AN AIR-BRUSH

There are some terms you should familiarize yourself with before buying an air-brush. There are 3 different types of air-brushes: dual-action internal mix; single-action internal mix; and single-action external mix.

The term "Dual-action" refers to the method by which the air-brush is triggered (down for air, back for color). This simple maneuver allows the artist to change the width of line, the modulation of value and the opaqueness of the paint without stopping his hand movement.

"Single action" refers to the method necessary to trigger the air-brush. When the trigger is depressed, a pre-set amount fluid is sprayed. The amount of fluid can be regulated by turning the needle adjustment screw at the back of the handle.

"Internal mix" refers to the method by which the air and paint come together inside the head assembly and produce a thoroughly atomized fine dot spray.

"External mix" refers to the manner in which the air and paint come together outside the head or fluid assembly, causing the spray to be a larger dot than that of the internal mix air-brush.

## APPLICATION

The air-brush you choose has a great deal to do with the application required of it. You may be solely interested in doing one type of air-brushing, i.e. photo-retouching. Then your decision would be a fairly simple one—you would purchase a dual-action, internal mix, fine line air-brush for the versatility and the size of dot needed for photo-retouching.

#### **VERSATILITY, SIZE OR SCALE OF WORK**

When you are working in more than one realm, you will need an air-brush that is capable of multiple applications, i.e. fabric painting one day—automotive painting the next. Most Badger air-brushes have interchangeable head assemblies, jar feed or color cup capability and can be used by both right or left handed persons for more versatility.

#### VISCOSITY AND TYPES OF MATERIAL SPRAYED

As stated above, most Badger air-brushes have interchangeable head assemblies for different viscosities of material. Thus, your selection is quite simple: i.e. a HD head assembly for heavy viscosity material and an XF head assembly for very thin viscosity materials.

#### **DESIRED SPRAY OR DOT PATTERN**

A smooth (fine dot) or coarse (large dot) spray is dependent upon which air-brush you purchase, i.e. an internal mix (smooth) or external mix (coarse).

## **WARRANTY**

Your Badger Air-Brush is warranted against all manufacturing defects of both material and workmanship for a period of one year from the date of purchase. Any part or material that is defective or worn so as not to be useable within this period will be repaired at our expense.

**The Teflon® needle bearing carries a lifetime warranty and free replacement.** This warranty does not cover damage caused by negligence, accident, or units which have been abused or altered in any way.



# MODEL 150

## BOTTOM FEED, DUAL ACTION, INTERNAL MIX

### MODEL 150 BOTTOM FEED, DUAL ACTION, INTERNAL MIX

The Model 150 bottom feed is the most versatile of air-brushes. It is used by fine artists, illustrators, fabric designers, custom automotive painters and professional model makers.

The Model 150 can be used for paintings, technical illustrations, T-shirt designs, motorcycle tanks, railroad layouts, theatre backgrounds, etc.

It can spray properly reduced artist acrylics, acrylic enamel and lacquers, gouache, fabric colors, watercolors, inks and dyes, and of course, Air-Opaque™ air-brush colors.

### FEATURES

- Adapts to three different heads by changing the complete head assembly and needle
  - XF** - Extra Fine
  - IL** - Medium
  - HD** - HeavyRefer to page 6
- Choice of three reservoirs:
  - ¼ oz. (7 cc) free standing color cup for small volumes
  - ¾ oz. (22 cc) and 2 oz. (60 cc) paint jars
- Color cup and jar adaptor designed with force fit feature for quick color change
- Right or left handed use
- Self lubricating Teflon® needle bearing prevents color back up and eliminates wear to needle (Warranted for life)
- Teflon® head seal—no need to wax heads in place
- Removeable Teflon® syphon tube for easy cleaning
- Non-slip one piece trigger
- Pre-set needle adjusting screw for line control

Spray Characteristics of Head Assemblies on these Internal Mix Air-Brushes: XF, IL, HD. (Refer to page 6 for description.)

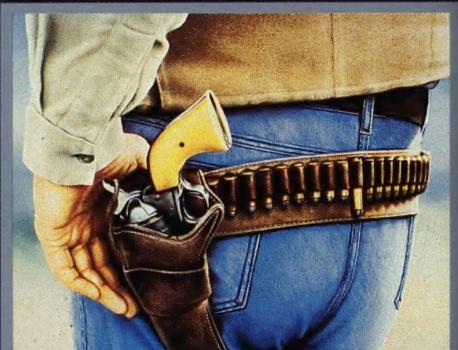
Optional Accessories: See pages 22-23  
See pages 16-17 for available sets



Michael Coakes



Tim Mitchell



Peter Stallard

# MODEL 100G·LG·SG

## GRAVITY FEED, DUAL ACTION, INTERNAL MIX SERIES

### MODEL 100-LG AIR BRUSH

This air-brush has a large permanent top mounted  $\frac{1}{3}$  oz. (10.5 cc) color cup. The 100-LG can be used for fine work as well as broad background coverage. Model 100-LG is suitable for spraying properly reduced artist acrylics and vinyls, sign painting enamels as well as materials of a lighter viscosity such as Air-Opaque colors. The Model 100-LG is recommended for fine artists, illustrators, retouchers, tole painters and advanced modelers. This air-brush can be adapted to three different heads (XF, IL, HD).

### MODEL 100-G AIR-BRUSH

This model has a permanent top mounted  $\frac{1}{16}$  oz. (2 cc) color cup. This is an extra-fine air-brush designed for detailed work. This model can be adapted to two different heads (XF, IL) and will spray inks, dyes and watercolors (like Air-Opaque). This air-brush is used by fine artists, illustrators and retouchers among others.

### MODEL 100-SG AIR-BRUSH

This air-brush has no color cup but has a small built-in fluid cavity which holds a small amount of fluid. The Model 100-SG is designed to do very fine detailed work. Ideal for artists, illustrators, nail and cake decorators, it will spray inks, dyes and watercolors.

### FEATURES

- Adapts to three different heads by changing the complete head assembly and needle.  
**XF** – Extra Fine   **IL** – Medium   **HD** – Heavy  
Refer to page 6
- May be special ordered for 100-G only
- Easy to clean color cup or cavity
- Counter balanced handle for precise balance
- Gravity feed air-brushes work at a lower air pressure—this enables you to move your hand slower for more precise detail.
- Allows you to work very close to your work surface without interference of paint bottle or color cup
- Self lubricating Teflon® needle bearing prevents color back up and eliminates wear to needle (Warranted for life)
- Teflon® head seal—no need to wax heads in place
- Right or left handed use
- Non-slip one piece trigger
- Model 100-LG has a pre-set needle adjusting screw for line control

Spray characteristics of head assemblies on these internal mix air-brushes: XF, IL, HD. (Refer to page 6 for description.)

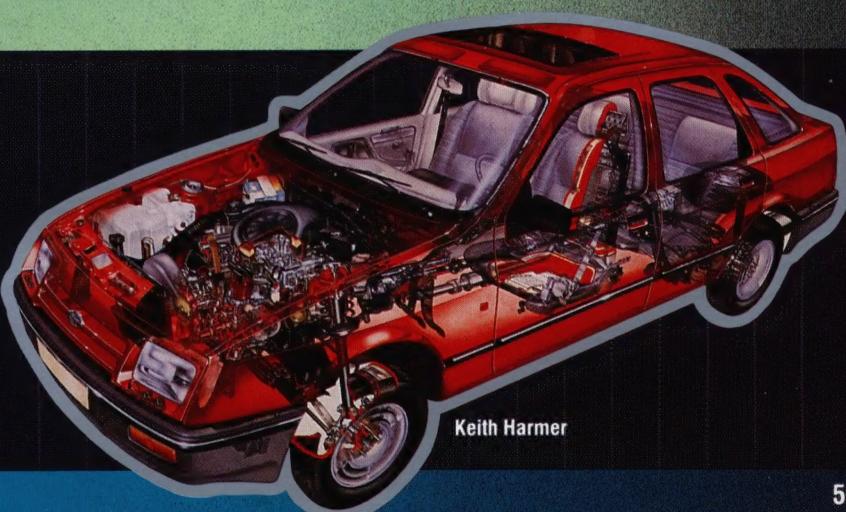


Peter West "Geronimo Calling"



### 100 DUAL ACTION, GRAVITY FEED, INTERNAL MIX SERIES

Offered in three distinct models, they cover a wide range of requirements. The bodies and handles are constructed of chrome plated brass carefully proportioned for correct weight distribution. Gravity feed allows liquid to flow directly to the paint tip without a syphon, thus enabling you to spray a fine exacting opaque line.



Keith Harmer

# MODEL 100

## SIDE FEED, DUAL ACTION, INTERNAL MIX

### MODEL 100 SIDE FEED, DUAL ACTION, INTERNAL MIX

The Model 100 side feed air-brush is the traditional illustrator's air-brush. This air-brush can be used by technical illustrators, medical illustrators, photo-retouchers, fine artists, or anyone who requires fine detailing or is working with low viscosity materials.

The Model 100 is used with Air-Opaque™ air-brush colors, thinly reduced acrylics, inks, dyes, watercolors and gouaches. Due to the adjustability of the color cup, you may work vertically or horizontally.

### FEATURES

- Choice of two self-standing color cups with screw off bottoms for easy cleaning  $\frac{1}{16}$  oz. (2 cc) and (Optional)  $\frac{1}{8}$  oz. (3.5 cc)
- Choice of left or right handed models at no additional cost
- Adapts to three different heads by changing complete head assembly and needle
  - XF** - Extra Fine
  - IL** - Medium Refer below
  - HD** - Heavy (special order)
- Self lubricating Teflon® needle bearing prevents color back up and eliminates wear to needle (Warranted for life)
- Teflon® head seal—no need to wax head in place
- Non-slip one piece trigger
- Pre-set needle adjusting screw for line control

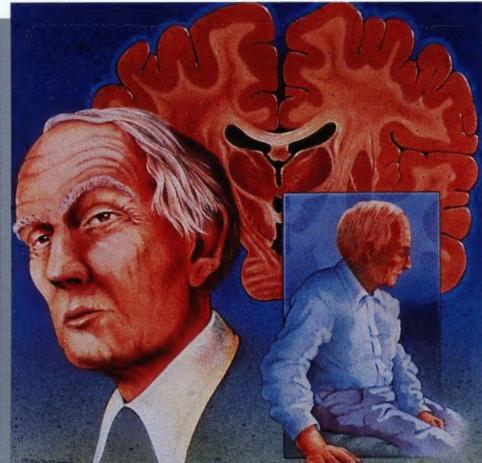
Optional Accessories: See pages 22-23

See pages 16-17 for available sets



### Spray Characteristics of Head Assemblies of Internal Mix Air-Brushes

- **XF** has the smallest opening for extra fine detailing and will spray from a pencil line thickness to 1" (25.4 mm) wide. It is designed to be used with materials of a low viscosity (very thin acrylics, watercolors, gouaches, inks and dyes).
- **IL** has a medium opening for fine detailing and will spray a line from  $\frac{1}{16}$  (1.55 mm) to  $1\frac{1}{2}$ " (38 mm) wide spray pattern. The IL will spray twice the amount of material as the XF. This head will handle such viscosity as thinned down acrylics, hobby lacquers, enamels, etc.
- **HD** has the largest opening and will spray four times the amount of fluid as the XF. It will spray a line from  $\frac{1}{8}$ " (3.2 mm) to 2" (50.8 mm) wide. The HD is designed to be used with materials of higher viscosity (automotive paint, ceramic glazes, acrylic, etc.)



William Westwood



Robert Anderson "Stars"



Robert Paschal "Blue TV"

# MODEL 200

## BOTTOM FEED, SINGLE ACTION, INTERNAL MIX

### MODEL 200 BOTTOM FEED, SINGLE ACTION, INTERNAL MIX

The Model 200 Bottom Feed air-brush will produce the same soft spray patterns as the dual action air-brushes, but without the versatility of being able to change the amount of fluid during spraying. When the trigger is depressed, a set amount of fluid is sprayed. The amount of fluid is changed by turning the needle adjustment screw located at the back of the handle.

The ease of operation makes the Model 200 an ideal tool for the beginning artist, high school student, hobbyist, van painter and taxidermist. It can be used for painting posters, illustrations, vans and motorcycles, ceramics, T-shirts and models of all types, plus any other application where the controllability of a dual action air-brush is not required.

The Model 200 will spray inks, dyes, watercolors, gouaches, properly reduced artist acrylics and fabric paints, modeling paints, automotive lacquers and enamels and most ceramic stains and glazes.

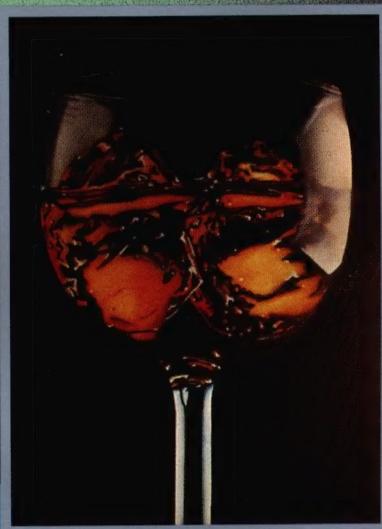
### FEATURES

- Adapts to three different head assemblies by changing the complete head assembly and needle  
**XF** - Extra fine  
**IL** - Medium Refer to page 6  
**HD** - Heavy
- Choice of three reservoirs:  
¾ oz. (22 cc) and  
2 oz. (60 cc) paint jars  
(Optional) ¼ oz. (7 cc) free standing color cup for small volumes of paint
- Self lubricating Teflon® needle bearing prevents color back up and eliminates wear to needle (Warranted for life)
- Teflon® head washer—no need to wax heads in place
- Removeable Teflon® syphon tube for easy cleaning
- Non-slip one piece trigger
- Right or left handed
- Color cup and jar adaptor designed with force fit feature for quick color changes

Spray Characteristics of Head Assemblies on these Internal Mix Air-Brushes: XF, IL, HD. (Refer to page 6 for description.)



Michelle Saad Fiedler



# MODEL 200G·SG

## GRAVITY FEED, SINGLE ACTION, INTERNAL MIX

### MODELS 200-G/SG SINGLE ACTION GRAVITY FEED SERIES

These two single action gravity feed air-brushes produce the same soft spray pattern as the Badger 100 gravity feed series, dual action air-brushes. Since the Models 200-G and 200-SG are single action, they are simpler to operate than dual action, yet give the same excellent results. See page 2 under terms for explanation of "single action". Gravity feed allows liquid to flow directly to the paint tip without a syphon, thus enabling slower hand movements and more precise detail. Both models are easy to clean and maintain.

#### MODEL 200-G AIR-BRUSH

This air-brush has a permanent top mounted  $\frac{1}{16}$  oz. (2 cc) color cup. This is an extra fine air-brush designed for detailed work. This model can be adapted to two different heads (XF, IL) and will spray inks, dyes and watercolors (like Air-Opaque). This air-brush is ideal for artists, hobbyists, ceramists and modelers of all types.

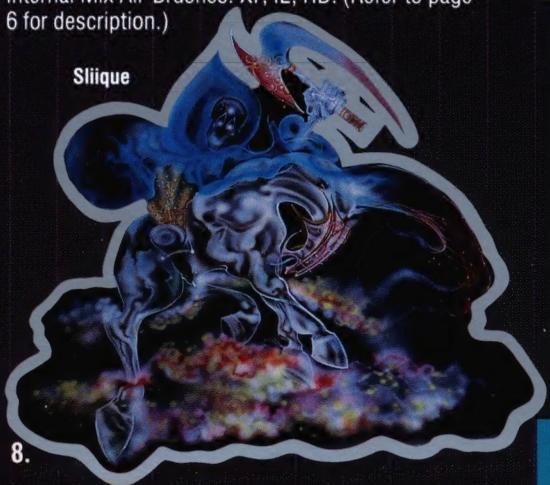
#### MODEL 200-SG AIR-BRUSH

This air-brush has no color cup but has a built-in fluid cavity which holds a small amount of fluid. The Model 200-SG is designed to do very fine detailed work. Can be adapted to two different heads (XF, IL) and will spray inks, dyes and watercolors (like Air-Opaque). The Model 100-SG is ideal for artists, hobbyists, nail and cake decorators.

#### FEATURES

- Adapts to two different heads by changing complete head assembly and needle
  - XF - Extra Fine
  - IL - MediumRefer to page 6
- Gravity feed air-brushes work at a lower air pressure—this enables you to move your hand slower for more precise detail.
- Casts minimal shadow over your work surface
- Easy to clean cavity or color cup
- Allows you to work very close to your work surface without interference of paint bottle or color cup
- Self lubricating Teflon® needle bearing prevents color back up and eliminates wear to needle (Warranted for life)
- Teflon® Head Seal—no need to wax heads in place
- Non-slip one piece trigger
- Right or left handed

Spray Characteristics of Head Assemblies on these Internal Mix Air-Brushes: XF, IL, HD. (Refer to page 6 for description.)

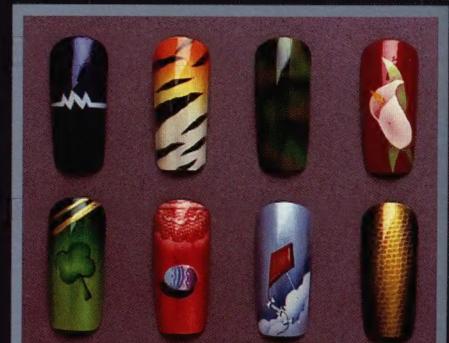


Model 200-G

Model 200-SG



Michelle Saad Fiedler



LynnRae Ries

# MODEL 350

## BOTTOM FEED, SINGLE ACTION, EXTERNAL MIX

### MODEL 350 BOTTOM FEED, SINGLE ACTION, EXTERNAL MIX

The Model 350 bottom feed air-brush is easy to operate and maintain. The term "external mix" refers to the manner in which the air and paint came together outside the tip of the air-brush. This method causes the spray to be a larger dot than the internal mix air-brushes. This makes the Model 350 excellent for stippling and spraying larger areas.

The 350 is the perfect choice for beginning students, hobbyists, ceramists, van and motorcycle painters and craft persons or anyone who wishes to spray materials of a high viscosity.

The 350 will spray ceramic glazes and stains, hobby enamels, properly reduced acrylics, inks, dyes, watercolors and acrylic lacquers and enamels.

### FEATURES

- Adapts to three fluid assemblies. Convert any model to another by simply changing the fluid needle assembly and air tip.

F - Fine  
M - Medium See below  
H - Heavy

- Choice of three reservoirs:

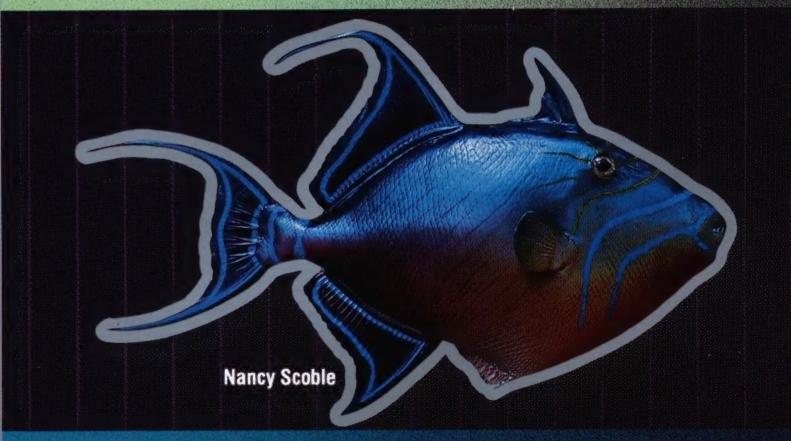
¾ oz. (22 cc) and 2 oz. (60 cc) paint jars  
(Optional) ½ oz. (7 cc) free standing color cup  
• Removable Teflon® syphon tube for easy cleaning  
• Body constructed of molded high impact nylon which is resistant to solvents and paint chemicals  
• Air tip and fluid needle assembly are precision made metal parts  
• Color cup and jar adaptor designed with force fit feature for quick color changes

### SPRAY CHARACTERISTICS OF FLUID ASSEMBLIES:

- **FINE:** will spray a line from  $\frac{1}{8}$ " (3.2 mm) to 1" (25.4 mm) wide. This tip is designed for use with inks, dyes, watercolors, gouaches, etc.
- **MEDIUM:** will spray a line from  $\frac{1}{4}$ " (6.3 mm) to  $1\frac{1}{2}$ " (30 mm) wide. It will handle materials of a higher viscosity and spray twice the amount of materials as the fine tip (e.g. thinned down hobby lacquers, enamels, etc.).
- **HEAVY:** will spray a line from  $\frac{1}{2}$ " (12.5 mm) to 2" (50.8 mm) wide and handle heavy viscosity materials (e.g. ceramic underglazes, oil paints, acrylics, etc.). It will spray four times the amount of paint as the fine tip.



Evan Roark & Susan Harris



# MODEL 250/250·4

## BOTTOM FEED, SINGLE ACTION, EXTERNAL MIX

### MODEL 250/250·4 BOTTOM FEED, SINGLE ACTION, EXTERNAL MIX

#### MODEL 250 BASIC SPRAY GUN

The Model 250 will handle medium to heavy viscosity material for larger overall coverage. Ideal for modeling, school projects, work shops, ceramic underglazes, do fogging, make textures, work with stencils, so many jobs that require a simple yet effective spray. The spray pattern can be adjusted from  $\frac{3}{4}$ " (18.9 mm) to 2" (50.8 mm) by turning the paint tip at the front of the gun.

#### MODEL 250·4 MINI SPRAY GUN

The only fundamental difference between the mini spray and the basic spray gun is the larger 4 oz. (120 cc) jar with permanently attached screw-on housing.

#### FEATURES FOR BOTH

- Spray any liquid or mix your own colors
- Operated on 15 to 50 PSI pressure, normal operating pressure 25 PSI
- Can be adapted to all air-systems: compressor, CO<sub>2</sub> tank or aerosol propellant cans
- Removable Teflon® syphon tube for easy cleaning
- Portable
- Spray gun resists solvents and paint chemicals

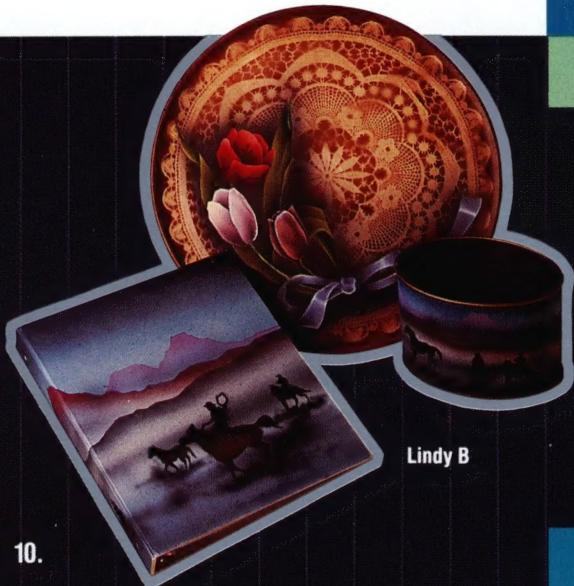
#### CONSTRUCTION

The body is constructed of molded high impact nylon which is resistant to solvents and paint chemicals. The paint tip and other major components are precision made metal parts. Each gun is inspected and tested to assure that the highest of standards are met.

#### SPRAY CHARACTERISTICS

Will produce a broad, coarse spray that can adjust from  $\frac{3}{4}$ " (18.9 mm) to 2" (50.8 mm) wide.

Optional Accessories: See pages 22-23  
See pages 16-17 for available sets



Lindy B



Phil Sroka

# MODEL 400

## MODEL 400 DETAIL/TOUCH-UP GUN

The Model 400 is a bottom feed, dual action, light-weight spray gun with an overhead convertible trigger for either left or right handed individuals. This spray gun bridges the gap between air-brushes and high production spray guns. The Model 400 may be fitted with your choice of three interchangeable paint tips, assemblies and needles (Fine, Medium and Heavy). It is especially useful for custom automotive painting, wall murals, larger, flat geometric planes, acrylic renderings, applying gesso or varnish and backgrounding.

### FEATURES

- Unique overhead convertible trigger for use by left or right hand sprayers
- Choice of three paint tips. Converts any model to another by simply changing three parts: paint-tip, air nozzle and needle (e.g., fine to heavy, etc.)
- 8 oz. (240 cc) non-drip, all aluminum paint cup with simple cam action locking device for quick change
- Can spray varying round or fan spray patterns
- Can be operated by compressor, suction feed, or fluid pressure tank. The following are flow rates and operating pressures for fan spray:
  - FINE - 1.7 CFM at 30 PSI
  - MEDIUM - 2.3 CFM at 30 PSI
  - HEAVY - 3.5 CFM at 30 PSI

The 400 has exacting, precision-machined, die cast aluminum and zinc parts, inspected and carefully assembled by highly skilled craftsmen. It is then tested in actual use to be sure it matches Badger's high standards of quality.

### SPRAY CHARACTERISTICS

The 400 will spray varying round or fan spray patterns. The fan spray is controlled by adjusting the fan control needle on the side of the gun. By turning clockwise until it is closed, it will give a round spray. Turning it counter clockwise will develop a fan shaped spray. The direction of the fan spray (horizontal or vertical) is obtained by turning the air nozzle to the desired position.

### SPRAY SIZES FOR A 7" WORKING DISTANCE

	Round Spray Diameter	Fan Spray Height and Width
FINE	1/2" to 3"	3" x 1/2"
MEDIUM	5/8" to 4"	4" x 3/4"
HEAVY	3/4" to 5"	5" x 3/4"



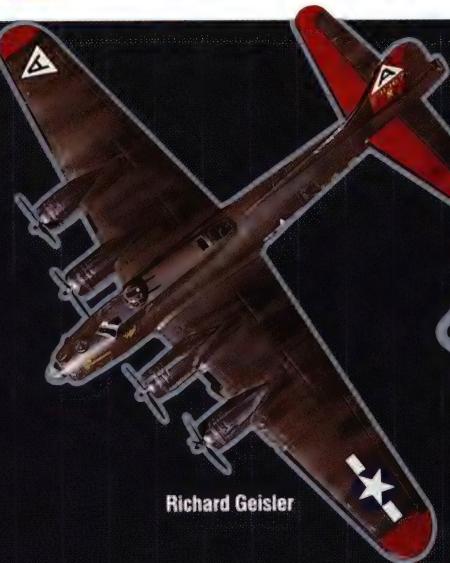
Shelby Goode



Carl Caiati



Richard Geiser



# 260 ABRASIVE GUN

## MODEL 260 HOBBY ABRASIVE GUN

The perfect tool for the do-it-yourselfer and the hobbyist. This abrasive gun can make any refinishing project quicker and easier. The Model 260 leaves the surface ready for refinishing. Removing old paint, rust and corrosion from a wide variety of items is a breeze. With the Hobby Abrasive Gun, you can etch designs or cut monograms on both wood and glass. An ideal tool for prepping metal surfaces, jewelry refurbishing, stripping or antiquing furniture and much more. Curved or hard to reach areas can be cleaned with ease.

## "HOW-TO" BOOKS

### THE ART OF THE DOT

#### Advanced Air-brush Techniques

by Robert W. Paschal and Robert R. Anderson  
This hard-bound 128 page book offers over 100 vivid color photos illustrating the explanations of various air-brush applications, including painting, photo-retouching, printmaking, mixed media, fabric painting, restoration, ceramics, sculpture, and jewelry making. A comprehensive glossary and bibliography round out this book. Stock No. 541

### AIR-BRUSHING FOR FINE AND COMMERCIAL ARTISTS

By Robert Paschal

This 128 page how-to book is perfect for learning air-brush illustration including: mechanical, technical, medical, plus architectural, photo retouching and fine art. It discusses the use of acrylics, gouches, inks, etc., on the proper surfaces. Tear-out exercise sheets enable the reader to work along. The exercises are clearly explained for students and professionals. STOCK NO. 540

### AIR-BRUSHING GUIDE FOR CERAMICS

By Ron Staples

With over two hundred full color photographs, this book dramatically illustrates start to finish techniques with an air-brush. All types of projects, from the simplest to the most complex, are featured. STOCK NO. 550

### VOLUME II AIR-BRUSHING TECHNIQUES FOR CUSTOM PAINTING

By Carl Caiati

This book contains 48 full color pages of "how-to" instructions. Hundreds of step-by-step color photographs and detailed copy on subjects like blow-ups and freak drops, cobwebbing, flames, plus detailed instructions on spray masking, pin striping, mural painting, spraying with stencils and a variety of other subjects. If you are a serious customizing buff this book is a must. STOCK NO. 510

### HOBBY AND CRAFT GUIDE TO AIR-BRUSHING

By Carl Caiati

This 32 page book includes over 140 full color photographs of air-brushing techniques. This book contains 21 different "how-to" sections: preparation for painting, model camouflage, weathering techniques and much more. STOCK NO. 500

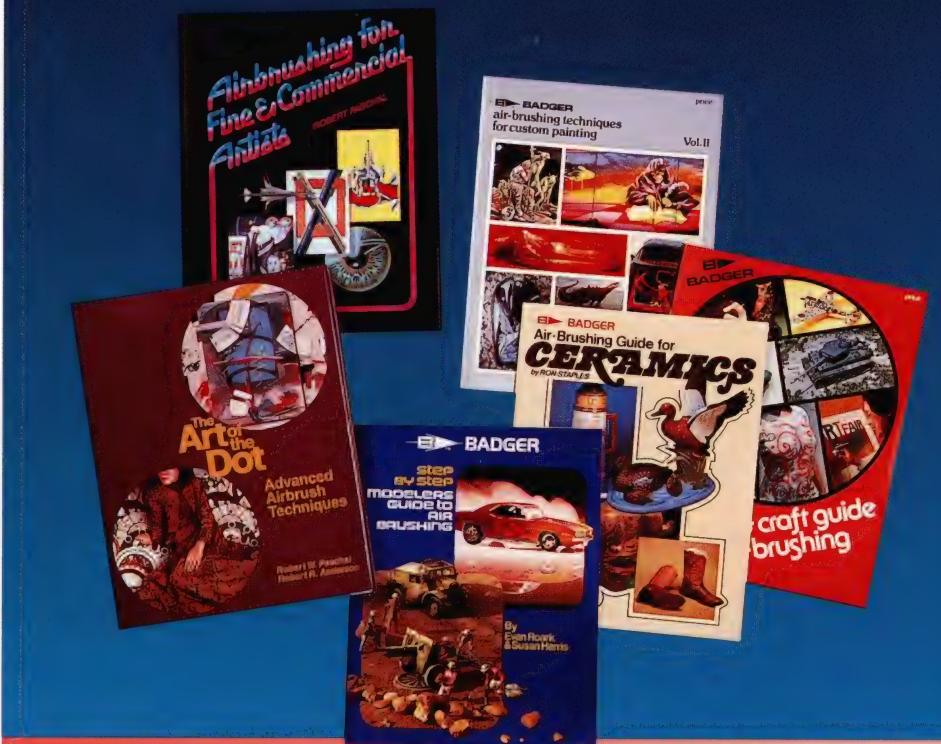
### STEP BY STEP MODELERS GUIDE TO AIR-BRUSHING

By Susan Harris and Evan Roark

32 color pages packed with how-to information and instructions to make your next project more successful. Subjects include military modeling figures, diorama, and scale modeling of a '69 Camaro. Important tips on how-to modify construction, detailing and air-brushing to give your scale models more realism. STOCK NO. 505



## "HOW - TO" BOOKS



# AIR-BRUSH HOLDER

## MODEL 125 AIR-BRUSH HOLDER

The Model 125 Air-Brush Holder is the most advanced holder available. The Model 125 holds two air-brushes of almost any make or model. The holder allows easy access to your air-brushes, eliminates spills and accidents, and allows one handed filling of the reservoir. For maximum flexibility, the Badger Air-Brush Holder rotates and swivels. This unit clamps securely to any drafting table, desk or taboret edge (up to 2" thick). Used properly, the Model 125 provides a stable, level and secure spot to hold air-brushes when not in use.

## VIDEOTAPES

30 minute tapes, perfect for classroom or individual teaching anytime, anywhere a VCR is available, at the individual learning speed.

DA201 Vol. 1 Intro. to air-brushing, equipment, basic exercises

DA202 Vol. 2 Valve exercises and geometric shapes

DA203 Vol. 3 Frisket cutting techniques

DA204 Vol. 4 Rendering with the air-brush

LS110 Compatible materials, media, surface and masking

All the above tapes are by Robert Paschal

LS108 Vol. 1 Special effects, foliage, steel, wood, soft and hard edge

LS109 Vol. 2 Special effects, glass, water droplets and reflections

The above tapes are by Peter Stallard

LS11 Photo Realism  
by Robert Anderson

DA206 Intro. to air-brushing t-shirts, getting started

DA207 Intro. to air-brushing t-shirts, 3 designs

The above tapes are by Tim Mitchell

DA208 Intro. to photo retouching (black & white)

DA209 Intro. to photo retouching (color)  
The above tapes are by Robert Paschal & Al Grove

Available in VHS or Beta format



## VIDEOTAPES



# STENCIL FILM

## NO-TACK™ NON ADHESIVE STENCIL FILM

No-Tack™ combines the best features of film and paper. The smooth, non-porous vellum like surface lets you render in nearly all media: air-brush, paint-brush, permanent felt-tip marker, technical pen, knife, pencil, pastels, oils, acrylics, silk screen, etc. You can draw, shade, paint and blend colors beautifully. You can work on both sides because they are identical. Yet it won't tear, discolor or become brittle with age. It's waterproof, weatherproof and highly resistant to most solvents. No-Tack™ leaves no ghosting and you can redraw without feathering . . . over and over.

### FEATURES

- Vellum like finish
- Non yellowing
- Ultraviolet resistant—excellent diazo print back quality
- Cuts easily
- Will not tear or crack
- Reusable
- Will not curl—lays flat
- No ghosting
- Good erasability
- Dimensionally stable
- Holds repositionable adhesive

### Available in:

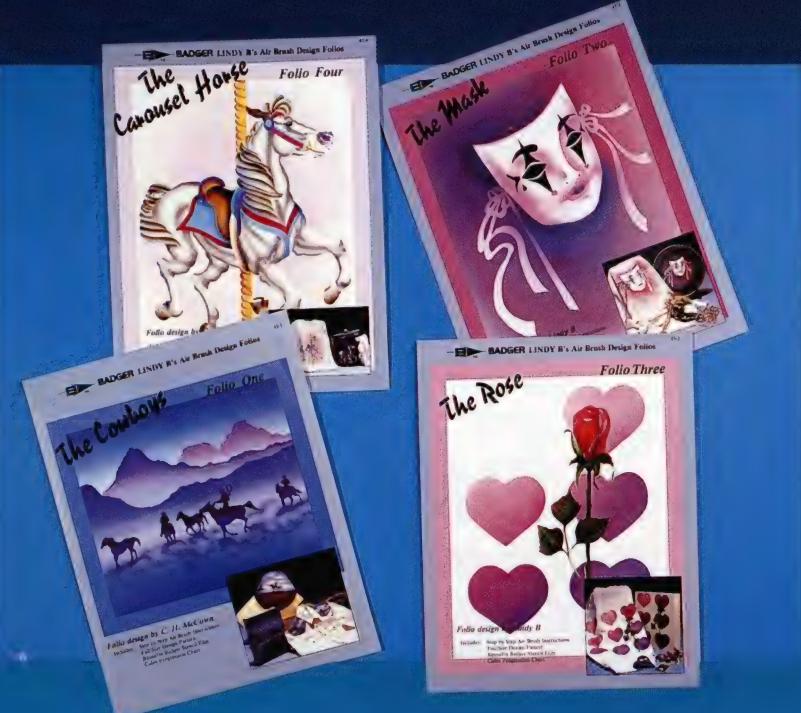
	Stock No.
10 sheet packs of 8½" x 11" (21.59 cm x 27.94 cm)	46-1
10 sheet packs of 11" x 17" (27.44 cm x 43.18 cm)	46-2
Rolls of 12" x 15' (30.48 cm x 4.572 m)	46-3
Rolls of 24" x 15' (60.96 cm x 4.572 m)	46-4
100 sheet packs of 8½" x 11" (21.59 cm x 27.94 cm)	46-5
100 sheet packs of 11" x 17" (27.44 cm x 43.18 cm)	46-6



# STENCIL FOLIOS

## STENCIL FOLIO DESIGN SETS

These four folios give the craft person everything needed on how to create T-shirts, lampshades, drapes, binders and much more. Each folio comes complete with: step-by-step instructions to trace the design, cut the stencil and actually air-brush the design; full size pattern designs; reusable Badger stencil films and color progression charts. There are four folios—"The Cowboys" and "The Carousel Horse" by C. H. McCown, "The Mask" and "The Rose" by Lindy B. The four popular designs are a terrific aid for the beginning air-brush user. The experienced air-brush artist will appreciate the technique development incorporated into the design stencil folios.



# BRITE-WHITE™ PAPER

## BRITE-WHITE™ AIR-BRUSH PAPER

Designed for air-brushing techniques, Badger's Brite-White is a super, strong surfaced 50% rag, 145 pound sulfite paper. Because of its durability, Brite-White holds up extremely well to frisketing material such as Badger's Foto/Frisket™ Stencil Film, drafting tape and adhesive. This paper has an extremely bright white surface which adds vividness and life to air-brush colors. Brite-White's super strong surface will not buckle when sprayed on. Both sides of the sheet can be used. It will accept all air-brush media; Air-Opaque colors, inks, gouaches, dyes, acrylics, markers, etc. Because of its flexibility, laser scanning (for color separations) can be done directly from Brite-White. It is packaged in a 10 sheet re-usable protective chipboard envelope. Brite-White is available in 18" x 24" (24.72 x 60.95 cm) size in both very smooth hot press and medium texture cold press surfaces.

## FOTO-FRISKET™ LOW TACK MASKING AND STENCILING FILM

FOTO/FRISKET™ is a transparent self-adhering masking and stenciling material which is cut directly on your work. It is available in both gloss and matte finishes. Fine artists, studio illustrators, retouchers, designers and hobbyists can utilize this film in situations that demand hard edges and accurate color applications such as photo retouching, medical illustration, architectural renderings, scale models, van and cycle painting, etc.

FOTO-FRISKET™ film has a specially formulated adhesive designed for easy lift off. Foto/Frisket will neither lift the surface nor strip off work already completed and leaves no residue after removal. Foto/Frisket has a translucent backing which permits use with a light box for cutting stencils and masks. Use Foto/Frisket on drawing, watercolor and print papers, illustration boards, gessoed surfaces, acrylic paintings, metal surfaces, automotive painting, acetate, glass, plexiglass and other plastics, prepared woods, glazed ceramics, and photographic papers.

## FEATURES

- Matte will accept pencil
- Can be used on virtually any surface\*
- Has a translucent backing which permits use with a light box for cutting stencils and masks
- Will not buckle along film edge thus preventing underspray
- Reuseable—can be removed in one piece for reuse
- Has a peel off strip for easy removal of backing (rolls only)
- Has a long shelf life

## Both Matte and Gloss are available in:

8½" x 11" (21.59 cm x 27.94 cm) 10 sheets  
Bulk 8½" x 11" (21.59 cm x 27.94 cm) 100 sheets  
12" x 15" (30.48 cm x 4.572 m) rolls  
24" x 15" (60.98 cm x 4.572 m) rolls

\*CAUTION: Badger Foto-Frisket™ Film is compatible with most surfaces, however, very soft or textured surfaces may present difficulties. We recommend that prior to undertaking any project that requires very soft or highly textured surfaces that you first test the material. The time and materials required to complete this test will more than compensate for a major project that could be damaged. Never leave Foto/Frisket Film on for more than eight hours—it will bond to the surface.



## FOTO/FRISKET™ FILM



# AIR·BRUSH SETS

## MODEL 100-1-XF set contains:

XF air-brush complete with  $\frac{1}{16}$  oz. (2 cc) self-standing color cup with screw-off bottom for easy cleaning, protective cap, extra XF needle, wrench for head, air-brush holder, instruction booklet and storage case.

## MODEL 100-2-IL set

Same as 100-1 with IL head assembly and needles.  
(Not shown)

## MODEL 100-4-SS set contains:

XF air-brush with protective cap, one  $\frac{1}{8}$  oz. (3.5 cc) & two  $\frac{1}{16}$  oz. (2 cc) self-standing color cups with screw-off bottoms, IL head assembly and needle, 8 ft. (2.45 m) braided air-hose,  $\frac{1}{4}$ " pipe thread fitting (adapts brush to compressor or CO<sub>2</sub> tank), wrench for head, air-brush holder, instruction booklet and wooden case.

## MODEL 100-3-GXF set contains:

XF gravity feed air-brush with permanently mounted  $\frac{1}{16}$  oz. (2 cc) top color cup, counter balanced handle, protective cap, extra XF needle, wrench for head, air-brush holder, instruction booklet and storage case.

## MODEL 100-5-LG XF set contains:

Extra fine line gravity feed air-brush with large permanently mounted  $\frac{1}{8}$  oz. (10.5 cc) color cup, friction cap to minimize spillage, counter balanced handle, wrench for head, air-brush holder, extra XF needle, instruction booklet and storage case.

## MODEL 100-6-LG IL set

Same as 100-5 with IL head assembly and needles.  
(Not shown)

## MODEL 100-7-LG HD set

Same as 100-5 with HD head assembly and needles.  
(Not shown)

## MODEL 100-8-SG set contains:

XF air-brush with built-in fluid cavity, counter balanced handle, protective cap, wrench for head, air-brush holder, extra XF needle, instruction booklet and storage case.

## MODEL 150-1-IL set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, 2 oz. (60 cc) jar with cover,  $\frac{1}{4}$  oz. (7 cc) color cup, protective cap, extra IL needle, wrench for head, air-brush holder, instruction booklet and storage case.

## MODEL 150-2-XF set

Same as 150-1 set with XF head assembly and needles.  
(Not shown)

## MODEL 150-3-HD set

Same as 150-1 with HD head assembly and needles.  
(Not shown)

## MODEL 150-4-PK set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, HD head assembly and needle,  $\frac{1}{4}$  oz. (7 cc) color cup, 2 oz. (60 cc) jar with cover, 8 ft. (2.45 m) braided air-hose,  $\frac{1}{4}$ " pipe thread fitting (adapts brush to compressor or CO<sub>2</sub> tank), wrench for head, air-brush holder, instruction booklet and wooden case.

## MODEL 200-1-IL set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, and 2 oz. (60 cc) jar with cover, wrench for head, instruction booklet and storage case.

## MODEL 200-2-HD set

Same as 200-1 with HD head assembly and needle.  
(Not shown)

## MODEL 200-3-IL set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, 6 ft. (1.83 m) lightweight vinyl air-hose, propel regulator, propel can, 2 oz. (60 cc) jar with cover, head wrench and instruction booklet. (Not shown)

## Model 200-4-IL set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, 2 oz. (60 cc) jar with cover, Model 180-1 portable diaphragm compressor, 10 ft. (3.05 m) braided air-hose,  $\frac{1}{4}$ " pipe thread fitting (adapts brush to compressor or CO<sub>2</sub> tank), wrench for head, instruction booklet and storage case. (Not shown)



# AIR-BRUSH SETS

## MODEL 200-S-EX set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, 6 ft. (1.83 m) lightweight vinyl air-hose, propel regulator, wrench for head, instruction booklet and storage case. (Not shown)

## MODEL 200-9-XF set contains:

XF air-brush with permanently mounted  $\frac{1}{6}$  oz. (2 cc) top color cup, protective cap, wrench for head, instruction booklet and storage case.

## MODEL 200-10-IL set

Same as 200-9 with IL head assembly and needle. (Not shown)

## MODEL 200-11-XF set contains:

XF air-brush with built-in fluid cavity, protective cap, wrench for head, instruction booklet, and storage case.

## MODEL 350-1 F set contains:

350 fine tip air-brush, 2 oz. (60 cc) jar with cover, attachable  $\frac{3}{4}$  oz. (22 cc) jar, wrench for head, instruction booklet and storage case.

## MODEL 350-1 M set

Same as 350-1 F with medium fluid tip and needle assembly. (Not shown)

## MODEL 350-1 H set

Same as 350-1 F with heavy fluid tip and needle assembly. (Not shown)

## MODEL 350-2 M set contains:

350 medium tip air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar with cover, 6 ft. (1.83 m) vinyl air-hose, 2 oz. (60 cc) jar, propel regulator, wrench for head and instruction booklet. (Not shown)

## MODEL 350-3 M set contains:

350 medium tip air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, 6 ft. (1.83 m) vinyl air-hose, 2 oz. (60 cc) jar with cover,  $\frac{1}{4}$  oz. (7 cc) color cup, propel regulator, propel can, wrench for head and instruction booklet.

## MODEL 250-1 set contains:

Air-brush with attached  $\frac{3}{4}$  oz. (22 cc) jar, propel regulator, 6 ft. (1.83 m) vinyl air-hose, extra  $\frac{3}{4}$  oz. (22 cc) jar with cover and instruction booklet. (Not shown)

## MODEL 250-2 set contains:

Air-brush with attached  $\frac{3}{4}$  oz. (22 cc) jar, propel regulator valve and 6 ft. (1.83 m) vinyl air-hose.

## MODEL 250-3 set contains:

Air-brush with attached  $\frac{3}{4}$  oz. (22 cc) jar, propel regulator, 6 ft. (1.83 m) vinyl air-hose, extra  $\frac{3}{4}$  oz. (22 cc) jar with cover, propel can and instruction booklet.

## MODEL 250-4 set contains:

Air-brush with attached 4 oz. (120 cc) jar, propel regulator, 8 ft. (2.45 m) vinyl air-hose, propel can and instruction booklet.

## CERAMIC SETS

### MODEL 250-8 Glaze Gun set contains:

Glaze gun with attached 4 oz. (120 cc) jar, extra jar cap, 8 ft. (2.45 m) heavy duty braided air-hose and instruction sheet.

### MODEL 350-8 Ceramic set contains:

Medium head air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, extra jar cap, 2 oz. (60 cc) jar with cap, 8 ft. (2.45 m) heavy duty braided air-hose, wrench and instruction booklet.

### MODEL 200-8 Deluxe Ceramic set contains:

Heavy duty head air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, extra jar cap, 2 oz. (60 cc) jar with cover, 8 ft. (2.45 m) heavy duty braided air-hose, head wrench and instruction booklet.

### MODEL 150-8 Professional Ceramic set contains:

IL air-brush with attachable  $\frac{3}{4}$  oz. (22 cc) jar, protective cap, HD head assembly and needle,  $\frac{1}{4}$  oz. (7 cc) color cup,  $\frac{3}{4}$  oz. (22 cc) jar with cover, 2 oz. (60 cc) jar with cover, 8 ft. (2.45 m) braided air-hose,  $\frac{1}{4}$ " pipe thread fitting (adapts brush to compressor or CO<sub>2</sub> tank), head wrench, air-brush holder, instruction booklet, storage case. (Not shown)



MODEL 200-3-IL



MODEL 250-2



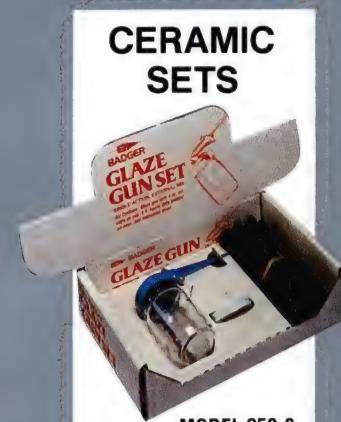
MODEL 350-1 M



MODEL 250-3



MODEL 250-4



MODEL 250-8



**HOBBY ABRASIVE GUN MODEL 260-3**  
set contains:

Hobby Abrasive Gun with attached 4 oz. (120 cc) jar, 8 ft. (2.45 m) hose, propel can, propel regulator and 12 oz. (340 g) net weight jar of aluminum oxide plus face mask.

### MODEL 260-1 set contains:

Hobby Abrasive Gun with attached 4 oz. (120 cc) jar, 8 ft. (2.45 m) hose and 12 oz. (340 g) net weight jar of aluminum oxide plus face mask. (Not shown)

### MODEL 200-8 Deluxe



# AIR·OPAQUE™ COLORS

## READY TO USE OPAQUE AIR-BRUSH COLORS

Badger offers you a choice of 35 non-toxic colors plus 8 pearlescent colors. All 43 colors are color-fast, waterproof, vibrant, quick drying, non-bleed paints. They are specially formulated for use with air-brushes, technical pens,\* or artist's brushes. All Air-Opaque colors are organic pigments in a water based acrylic copolymer, pre-reduced for instant use. No mixing, no clogging, no inconsistency. The same vivid colors project after project. When using pearlescent white as a base and adding any of the 35 Air-Opaque colors, the artist can create any pearl color he or she desires.

All Air-Opaque™ colors except the Neutral Grays (1 oz. only) are available in both 1 oz. (30 cc) and 4 oz. (120 cc) unbreakable plastic bottles with no-clog caps.

Air-Opaque™ Cleaner permits clean up of air-brushes, technical pens, paint brushes and work surface quickly. Air-Opaque cleaner allows removal from most washable surfaces and can be used as a cleaner for all water based artist materials. The specially designed nozzle cap permits spraying the cleaner directly into the air-brush orifice while it is operating to clean the internal parts. Air-Opaque Cleaner™ is available in 4 oz. (120 cc) and 16 oz. (480 cc) easy dispensing bottles.

\*Not recommended for use with pearlescent colors.

Air-Opaque™ comes in 5 pre-packaged 7 bottle sets

**Primary set (No. 701)** contains 1 oz. bottles of: magenta, yellow, blue, green, brown, plus black and white.

**Secondary set (No. 702)** contains 1 oz. bottles of: scarlet, crimson, orange, violet, indigo, aqua and turquoise.

**Supplementary set (No. 703)** contains 1 oz. bottles of: flesh, amber, powder blue, sepia, chrome oxide green, lime green and warm yellow.

**Pearl set (No. 704)** contains 1 oz. bottles of: pearl silver, pearl bronze, pearl yellow, pearl green, pearl gold, pearl blue and pearl red.

**Neutral Gray set (No. 707)** contains: 7 neutral grays.

## AIR·OPAQUE™ WEATHERING SETS

With Air-Opaque Weathering Sets, every modeler including beginners, can weather and age locomotives, rolling stock, scenery and structures, just like a master modeler. The Air-Opaque colors in both sets have been chosen to give you the proper dust, rust, dirt and grime effects modelers want. If you don't like the effect, you can remove Air-Opaque within 10 minutes and start over. The weathering sets come with a railroad mixing chart for over 60 prototype railroad colors.

No. 705 Weathering set for locomotive and rolling stock

No. 706 Weathering set for scenery and structures

All Air-Opaque™ are available in individual colors from a variety of convenient open stock displays.

**Air-Opaque™ Weathering Sets**

**Pearl Set 704**

Pearl White	Pearl Red	Pearl Silver
Pearl Gold	Pearl Bronze	
Pearl Blue	Pearl Yellow	
Pearl Green		

**Neutral Gray Set 707**

Gray 1/2	Gray 1	Gray 2	Gray 3	Gray 4	Gray 5	Gray 6
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**Supplementary Set 703**

Flesh	Amber	Warm Yellow	Lime Green	Sepia	Powder Blue	Chrome Oxide Green
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**Secondary Set 702**

Scarlet	Crimson	Orange	Violet	Indigo	Aqua	Turquoise
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**Primary Set 701**

Magenta	Yellow	Blue	Green	Brown	White	Black
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**(Open Stock)**

Pink	Yellow Orange	Burnt Orange	Cyan Blue	Yellow Green	Purple	Tan
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All 43 colors are completely intermixable, thus allowing an almost endless selection of color combinations. The no-clog cap allows for easy dispensing and keeps the colors from drying up. Always close the cap after using.

# AIR·TEX™ COLORS

## READY-TO-USE OPAQUE TEXTILE AIR-BRUSH COLORS

Badger's Air-Tex paints are non-toxic, vibrant, quick drying, non-bleeding, colorfast and waterproof textile air-brush colors. Specially formulated Air-Tex comes in twenty pre-reduced intermixable colors. All are available in one ounce (30 cc) and four ounce (120 cc). You can special order one quart (.94 ltr) and one gallon (3.78 ltr) sizes. Both the one and four ounce sizes are packaged in unbreakable plastic bottles with no clog easy dispensing caps. Air-Tex can be used on a variety of materials. It is excellent for light and most dark colored textiles, i.e. polyester, cotton and denim. Material with sizing must be pre-washed. Heat set with iron on wrong side of painted work at hottest temperature for the fabric. After heat set, Air-Tex colors are washable and colorfast. After application, fabric is still soft and supple. Air-Tex cleaner allows for easy removal of dried color from all air-brushes, paint brushes and work surfaces quickly. Air-Tex cleaner is available in 4 oz. (120 cc) and 16 oz. (480 cc) easy dispensing bottles.

Air-Tex comes in a pre-packaged 7 bottle set. Primary set (No. 1101) contains 1 oz. bottles of: magenta, yellow, blue, green, brown plus black and white.

### FEATURES

- Colors may be used on a variety of fabrics and are excellent for both light and most dark colored materials.
- Pre-reduced for instant use. No mixing, no clogging, no inconsistency. The same brilliant colors project after project
- Non-toxic—safe for anyone who may be allergic to lacquers, enamels or petroleum based paints
- Colors are washable (after heat set)
- Fabric remains soft and supple after application
- No clog easy dispensing cap
- Mixing of custom colors is simple and can be repeated
- Specially formulated for use with air-brush or artist paintbrushes.
- Available in convenient 1 and 4 oz. sizes in unbreakable plastic bottles
- Air-Tex cleaner removes dried color from all air-brushes and paintbrushes

The image displays a variety of Badger Air-Tex products. In the foreground, there is a spray gun connected to a tube, next to a large yellow bottle of 'Yellow 12-21' paint and a smaller green bottle of 'Green 11-41' paint. In the background, a box labeled 'Primary Set 1101' contains seven small bottles of different colors: Black, White, Yellow, Magenta, Blue, Green, and Brown. To the right, a color chart lists 20 colors with corresponding squares: White, Black, Yellow, Magenta, Blue, Green, Brown, Scarlet, Crimson, Orange, Violet, Powder Blue, Aqua, Flesh, Turquoise, Pink, Yellow Orange, Cyan Blue, Lime Green, and Purple. Below the chart, three t-shirts are shown: a white t-shirt with a unicorn print, a blue t-shirt with a cartoon dog print, and a yellow t-shirt with a beach sunset print. The names 'Lindy B', 'Tim Mitchel', and 'Pamela City Beach' are visible on the t-shirts.

# COMPRESSORS

## WHIRLWIND MODEL 80-1

This model is designed for the hobbyist, not for heavy use. It is portable, very lightweight and perfect for light air-brushing. The oil-less single piston compressor has an internal pressure relief safety valve which allows air to escape, to prevent air buildup in the air-hose and compressor when the air-brush is not in use. This prevents damage to the compressor. Model 80-1 also has a convenient on/off switch.

### FEATURES

- Lightweight, portable & compact
- Removable intake filter
- 6 ft. Electric cord with 2 prong plug
- Oil-less single piston
- Internal pressure relief safety valve
- On/Off switch

## CYCLONE I MODEL 180-1

Portable oil-less diaphragm type compressor has internal bleed allowing use with any make air-brush. Develops .80 CFM at 25 PSI. Compact, lightweight and quiet, can be carried from room to room.

### FEATURES

- Lightweight, portable & compact
- Totally oil-less, never needs lubrication
- Operates one air-brush of any make
- 6 ft. Electric cord with 3 prong plug

## CYCLONE II MODEL 180-11

Has all of the same features as the Cyclone I; lightweight, portable, oil-less diaphragm type compressor. This compressor is unique in that it has a built in automatic shut-off. By releasing the trigger of your air-brush, this model will automatically shut off, until the trigger is depressed again.

### FEATURES

- Automatic shut-off
- Lightweight, portable & compact
- Totally oil-less, never needs lubrication
- Operates one air-brush of any make
- 6 ft. Electric cord with 3 prong plug

## TORNADO MODEL 180-22

This compressor has the exclusive WOB\*L piston design, which means it is efficient, dependable and oil-less. Comes with air regulator and gauge. Will operate 2 air-brushes. Has removable intake filter and on/off switch. Compact, lightweight and portable.

### FEATURES

- Portable, lightweight & compact
- Totally oil-less, never needs lubrication
- On/Off switch
- 6 ft. Electric cord with 3 prong plug
- Removable intake filter
- Will operate 2 air-brushes



## WHIRLWIND MODEL 80-1 SPECIFICATIONS

Oil-less single piston  
Approx: .33 CFM @ 20 PSI when air-brushing  
Horsepower:  $\frac{1}{16}$  HP  
Maximum pressure: 40 PSI  
Motor: 115 volts, 60 cycles 1 amp  
Dimensions: 8 $\frac{1}{4}$ "L x 4 $\frac{3}{4}$ "W x 6 $\frac{1}{4}$ "H  
Shipping weight: 7 lbs. (3.17 kg)



## CYCLONE I MODEL 180-1 SPECIFICATIONS

Oil-less, diaphragm type  
Approx: .80 CFM @ 20 PSI when air-brushing  
Horsepower:  $\frac{1}{12}$  HP  
Maximum pressure: 40 PSI  
Motor: 115 volts, 60 cycles 2.5 amp  
Dimensions: 8 $\frac{1}{4}$ "L x 4 $\frac{3}{4}$ "W x 7"H  
Shipping weight: 9 lbs. (4.08 kg)



## CYCLONE II MODEL 180-11 SPECIFICATIONS

Oil-less, diaphragm type  
Approx: .90 CFM @ 20 PSI when air-brushing  
Horsepower:  $\frac{1}{12}$  HP  
Maximum pressure: 40 PSI  
Motor: 115 volts, 60 cycles 3.5 amp  
Dimensions: 9" L x 4 $\frac{3}{4}$ " W x 7" H  
Shipping weight: 11 lbs. (4.98 kg)



## TORNADO MODEL 180-22 SPECIFICATIONS

Oil-less single piston  
Approx: .93 CFM @ 20 PSI/.67 @ 50 PSI  
Horsepower:  $\frac{1}{8}$  HP  
Motor: 115 volts, 60 cycles 5.0 amp  
Dimensions: 8" L x 5" W x 8 $\frac{3}{4}$ " H  
Shipping weight: 12 lbs. (5.44 kg)

# COMPRESSORS

## HURRICANE MODEL 180-4

Includes a 1.5 gallon air storage tank with an automatic pressure switch control. This pressure switch is adjusted to start the compressor when the pressure drops below 80 PSI and will stop when tank pressure reaches 100 PSI. Exclusive WOB\*L piston design means it is efficient, dependable and oil-less. Recommended for use with Model 400 detail/touch-up gun or will operate up to 6 air-brushes.

### FEATURES

- Use with Model 400 gun or up to 6 air-brushes
- Portable
- Totally oil-less piston, never needs lubrication
- Automatic On/Off pressure switch
- 6 ft. Electric cord with 3 prong plug

## SILENT 1/6 HP COMPRESSOR

Badger's new Silent 380-6 is powered by a high efficiency oil reciprocating  $\frac{1}{6}$  horsepower piston motor. The 380-6 will operate, without pulsation, one artist air-brush of any make. The Silent 380-6 gives you the capacity of a larger tank mounted compressor with the advantages of portability without noise. The Silent 380-6 comes complete with regulator, gauge, 1 gallon tank and automatic shut-off.

### FEATURES

- On/off switch & automatic on/off pressure switch
- Intake air filter
- 1 gallon (4 ltr) tank
- Thermal overload protection
- Adjustable air pressure regulator
- Gauges for tank pressure, oil level & line pressure
- 6 ft. Electric cord with 3 prong plug

## Silent I Model 380-11

This portable compressor is ideal for the professional artist who requires a quiet working environment. It is equipped with an in-line oil filter to assure that no oil enters the air stream. The Silent I is powered by a high efficiency oil reciprocating  $\frac{1}{3}$  horsepower piston motor and has a 1 gallon storage tank. It will operate, without pulsation, three artist air-brushes of any make.

### FEATURES

- Automatic on/off pressure switch
- Intake air filter
- 1 gal (4 ltr) tank
- Thermal overload protection
- Pressure relief safety valve
- Operates 3 artist air-brushes (any make)
- 6 ft. Electric cord with 3 prong plug
- In-line oil filter 99.9% effective
- Pressure gauges for air, tank, oil level & line

## Silent II Model 380-2

This portable compressor is designed for uses where one or more air-brushes need to be operated quietly. Silent II is powered by a high efficiency oil reciprocating piston motor. It is operated by a  $\frac{1}{2}$  horsepower motor, and can power 4 to 5 air-brushes simultaneously without pulsation. It gives you the capacity of a larger tank mounted compressor and the advantages of portability without noise. Not for continuous industrial use.

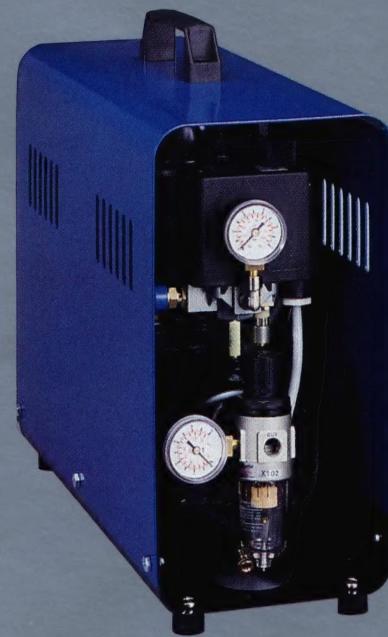
### FEATURES

- On/off switch
- Automatic on/off pressure switch
- Intake air filter
- Safety relief and pressure relief safety valve
- 1.3 gal (5 ltr) storage tank
- Adjustable air pressure regulator
- Thermal overload protection
- Will operate up to 5 air-brushes
- 6 ft. Electric cord 3 prong plug
- Gauges for oil level, line & tank pressure



## HURRICANE MODEL 180-4 SPECIFICATIONS

Oil-less single piston  
Approx: 2.3 CFM @ 30 PSI / 1.8 CFM @ 50 PSI  
Horsepower:  $\frac{1}{2}$  HP  
Maximum pressure: 100 PSI  
Motor: 115 volts, 60 cycles 5.5 amp  
Dimensions: 15" L x 13 $\frac{1}{4}$ " W x 17 $\frac{1}{2}$ " H  
Shipping weight: 40 lbs. (18.14 kg)



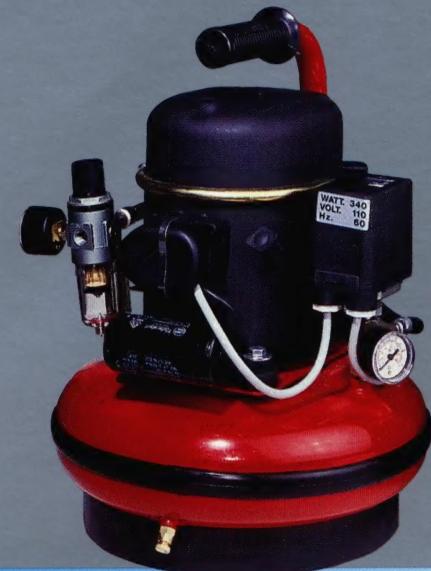
## SILENT 1/6 HP MODEL 380-6 SPECIFICATIONS

Oil reciprocating piston type  
Approx: .35 CFM (10 ltr/min.) minimum air flow  
Horsepower:  $\frac{1}{6}$  HP  
Maximum pressure: 70 PSI (6 atmospheres)  
Motor: 110 volts, AC 60 hertz  
Dimensions: 12 $\frac{1}{2}$ " L x 14 $\frac{1}{2}$ " H x 8" W  
Shipping weight: 44 lbs. (20 kg)  
Noise level: 30 db



## SILENT I MODEL 380-11 SPECIFICATIONS

Oil reciprocating piston type  
Approx: 1 CFM (30 ltr./min.) minimum air flow  
Horsepower:  $\frac{1}{3}$  HP  
Maximum pressure: 70 PSI (6 atmospheres)  
Motor: 110 volts, AC 60 hertz  
Dimensions: 12 $\frac{1}{2}$ " L x 14 $\frac{1}{2}$ " H x 8" W  
Shipping weight: 52 lbs. (23.64 kg)  
Noise level: 30 db



## SILENT II MODEL 380-2 SPECIFICATIONS

Oil reciprocating piston type  
Approx: 1.75 CFM (50 ltr/min.) minimum air flow  
Horsepower:  $\frac{1}{2}$  HP  
Motor: 110 volts, AC 60 hertz  
Maximum pressure: 100 PSI (8 atmospheres)  
Dimensions: 13" L x 18" H x 13" W  
Shipping weight: 52 lbs. (23.64 kg)  
Noise level: 40 db

# ACCESSORIES

## A. REGULATOR WITH GAUGE

No. 1 CO<sub>2</sub>

For use with CO<sub>2</sub> tanks only  
Stock No. 50-057

## B. AIR FILTER AND WATER TRAP

For air compressors  
Stock No. 50-051

## C. AIR REGULATOR FILTER AND GAUGE

For air compressors  
Stock No. 50-054

## D. SPARE TIRE VALVE ADAPTOR

A spare tire from the family car can be used as a power source. Simply insert the adaptor into the proper regulator valve (50-200) and attach to spare tire. NOTE: Tire must be inflated to 40 lbs of air on a rim. Stock No. 50-029

## E. DOUBLE CARTRIDGE RESPIRATOR

This unique double cartridge respirator is designed to meet OSHA\* requirements and provide protection against paint mists and vapors. The NIOSH/MESA approved mask can be worn on or under the chin and the adjustable straps provide a comfortable fit. The double cartridge design provides protection and low breathing resistance where single cartridge designs may clog or load up. This respirator has a built in bacterial agent and may be taken apart easily for cleaning and disinfecting. Replacement cartridges and paint spray pre-filters may be purchased separately.

Double Cartridge Respirator Stock No. 190-1  
Replacement Cartridge Stock No. 190-2  
Pre-Filter Paint Spray Stock No. 190-3

\*Approved for respiratory protection against (1) mists of paints, lacquers and enamels (2) not more than 1,000 parts per million organic vapors by volume, or (3) any combination thereof. NIOSH/MESA Approval No. TC-23C-90

## F. BADGER PROPEL REGULATOR

Made of high impact nylon, with metal parts. Adjusts propel can pressure from 10 to 50 PSI pressure. Control allows for finer adjustments of spray patterns. Prolongs life of propel. Stock No. 50-200

## G. DUST MASK (2 PACK)

Disposable dust mask respirators for water based paints and abrasive materials only. Approved by NIOSH and MSHA against dusts and mists having a time weighted average note less than 0.05 milligrams per cubic meter or 2 million particles per cubic foot. Stock No. 50-273

## H. COUNTER BALANCED HANDLE

Designed for use with 100 and 150 dual action models made of solid brass and chrome plated, provides superior balance and feel. Eliminates forward tipping. Stock No. 50-0332

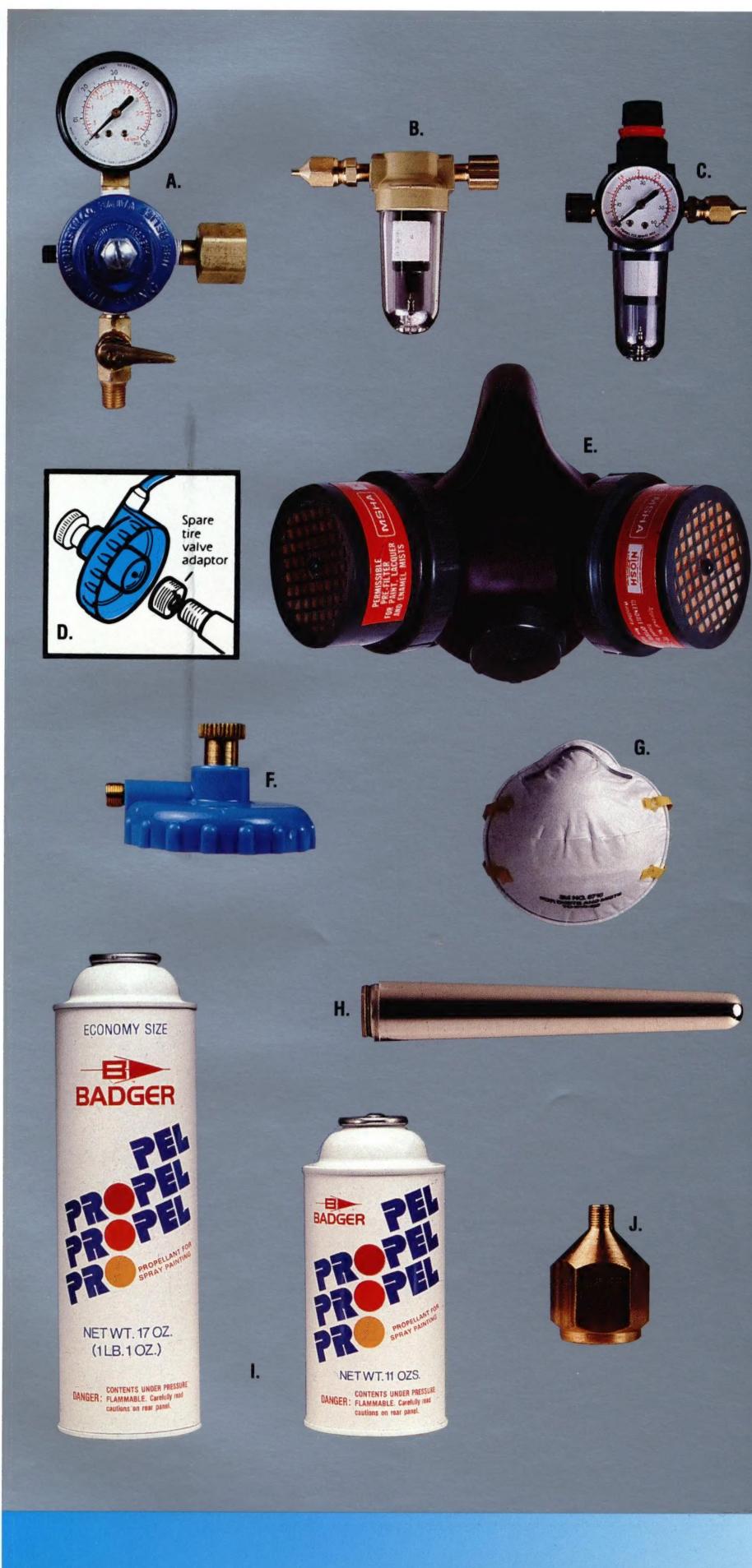
## I. PROPEL™ IS BADGER'S OWN SUPERIOR BRAND OF PROPELLANT

Compounded for even more pressure, this formula lasts longer (by actual test) than previous conventional propellants. Available in two sizes: regular 11 oz. (311.85 gr) and economy size 17 oz. (481.95 g)\*

\*An 11 oz. can of Propel™ at moderate pressure will run continuously for 13 minutes. The 17 oz. Propel can will run for 22 minutes.

## J. PIPE THREAD FITTING ADAPTOR 1/4" (6.4 mm)

(adapts air-hose to compressor or CO<sub>2</sub> tank)  
Stock No. 50-023



# ACCESSORIES

## K. XF SINGLE GROOVED NEEDLE

Stock No. 50-0401 (for models 100 & 150)  
 Stock No. 50-0172 (for model 200 only)  
 Stock No. 50-0173 (Gravity feed 200 only)

## L. XL DOUBLE GROOVED NEEDLE

Stock No. 50-0402 (for models 100 & 150)  
 Stock No. 50-017 (for model 200 only)  
 Stock No. 50-0174 (Gravity feed 200 only)

## M. HD TRIPLE GROOVED NEEDLE

Stock No. 50-0403 (for models 100 & 150)  
 Stock No. 50-0171 (for model 200 only)

## N. 2 oz. (60 cc) Jar; Stock No. 50-0053

## O. ¾ oz. (22 cc) Jar; Stock No. 50-0052

Both size jars with covers fit 150/200/350/250 model air-brushes

## P. 150 & 200 Jar Adaptor

Fits both size jars. Stock No. 50-207

## Q. 350 Jar Adaptor

Fits both size jars. Stock No. 50-307

## R. IN-LINE MOISTURE FILTER

For use with Badger braided air-hose and air compressor. Stock No. 50-2015 (filter only)  
 Stock No. 50-2012 filter with 10 ft. (3.05 m) braided air-hose attached.

## S. BADGER'S FLUID FILTER

Designed for use with all air-brushes that use jars or bottles. It is a microscreen filter made of high quality stainless steel and will pass only those particles that would normally flow through the air-brush. The Fluid Filter will help to prevent air-brush clogging. The filter eliminates messy pre-straining and loss of paint due to lumps or foreign particles. The filter slides on and off easily for quick and easy cleaning. Stock No. 50-2016

## COLOR CUPS

### T. ½ oz. (2 cc) Stock No. 50-047

### U. ⅓ oz. (3.5 cc) Stock No. 50-048

Self standing color cups with screw off bottoms for easy cleaning; fits 100 side feed models.

### V. ¼ oz. (7 cc) Stock No. 50-0482

Self standing color cup fits 150/200 models only

### W. ¼ oz. (7 cc) Stock No. 50-0483

Self standing color cup fits 350 model only

## X. RE-COIL™ AIR-BRUSH HOSE

This unique hose is lightweight yet strong, rated at 80 PSI. It stretches to a maximum of 10 ft. (3.05 m) but the recoil feature keeps it off the floor, eliminating tripping and chair roll-over while working. The fittings are designed with an "O" ring seal that self seals when hand tightened to your air-brush. The Re-Coil hose can be ordered to fit other manufacturers air-brushes.

## Y. FLEXIBLE LIGHT WEIGHT AIR-HOSE

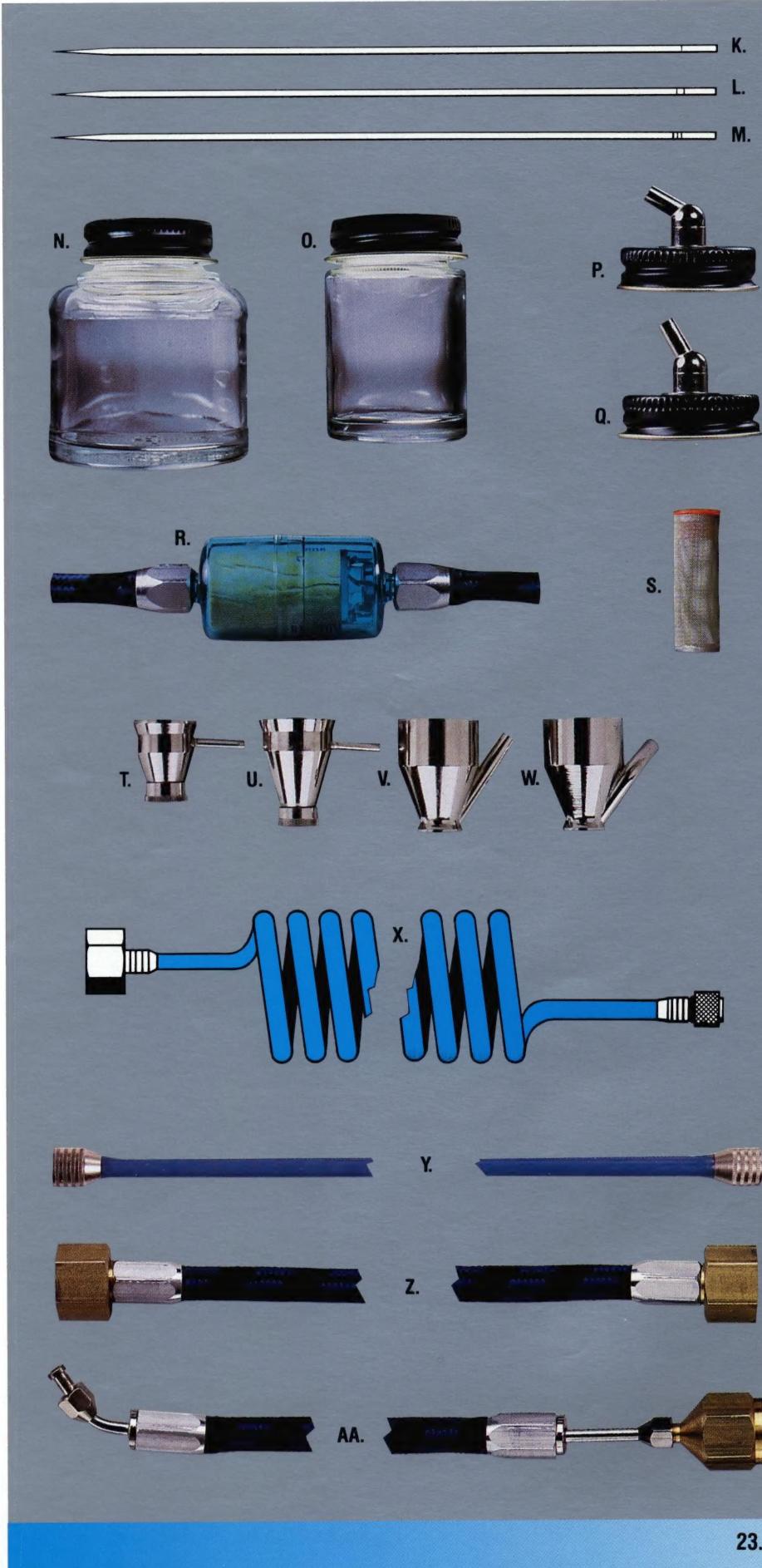
Sturdy long wearing vinyl is available in 6 ft. (1.83 m) and 10 ft. (3.05 m) length, not recommended for use with compressor. Stock No. 50-001 (6 ft.) Stock No. 50-0011 (10 ft.) (includes 50-023)

## Z. HEAVY DUTY BRAIDED AIR-HOSE 10 FT. (3.05 M)

Has a ¼" female pipe thread on both ends. For use with Model 400 Detail/Touch-Up Gun. Stock No. 50-3011

## AA. HEAVY DUTY BRAIDED AIR-HOSE 10 ft. (3.05 M)

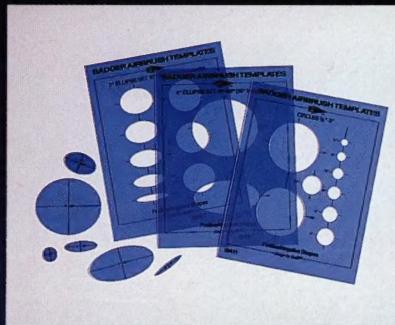
Has a swivel connection on both ends; one end for brush, other ¼" female pipe thread for use with compressor or CO<sub>2</sub> tank only. Stock No. 50-2011 (includes 50-023)



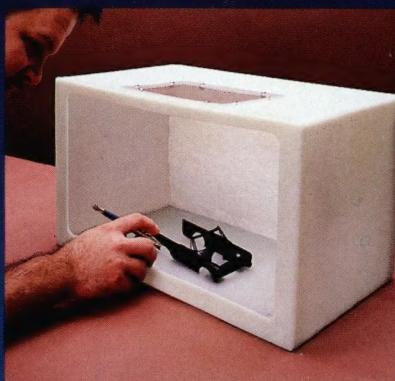
# BADGER

## air · brush co.

*The 25 year tradition of innovation continues with the introduction of new air-brush products.*



AIR-BRUSH TEMPLATES



HOBBY SPRAY BOOTH

### AIR-BRUSH TEMPLATES

Badger Air-Brush Templates were specially designed for use with the air-brush. These templates are thinner than conventional templates allowing the air-brush to get closer to the surface and produce a cleaner, sharper edge. For this reason they are excellent for use in technical illustration, photo retouching, architectural rendering and special effects. The templates have a slight blue tint to make them easier to see and are washable for reuse.

The templates come in a set of 4 (8½" x 11") with varying sizes of arrows, stars, ellipses, triangles, circles, squares and odd shapes. The negative forms are also included.

### HOBBY SPRAY BOOTH

The Model 135 Hobby Spray Booth eliminates overspray mess, fumes and odors. This lightweight, easy to clean booth has 1.66 cubic feet of protected spray area. An 8" x 5" top mounted window allows for viewing of project while it is being sprayed. A powerful 1/25 horsepower 3100 RPM blower exhausts vapors from the booth.

### FEATURES

- Portable and lightweight (only 10.5 lbs.)
- Translucent polypropylene body (20" long, 12" high, 12" deep)
- 8" x 5" plexiglass top mounted window
- 1/25 horsepower 3100 RPM inductance shaded pole blower
- Replaceable filter
- Complete instructions on venting
- Easy to clean

Design and Production by Adesign Group, Inc.  
BA 300 Made and Printed in U.S.A.

Badger Air-Brush Co. reserves the right to discontinue or change specifications or designs at any time, without incurring any obligations. Some features shown or described previously are optional equipment items which are available at extra charge.



**BADGER AIR-BRUSH CO.**

9128 W. BELMONT AVE. FRANKLIN PARK, IL 60131

1-312-678-3104

